ADDING A DRIVE

TO YOUR 8813

PolyMorphic Systems

The Add-On Mini-Floppy Diskette Drive Kit allows you to add
an additional disk drive to your one or two-drive System 8813.
It includes an add-on drive, cables, and all necessary hard-
ware.

Check the enclosed parts against the parts list below to make
sure everything has been included. If any parts are missing,
see your dealer. Always refer to PolyMorphic Systems parts
by their PolyMorphic Systems part number.

PARTS LIST

Check	Qty	Part Number	Description
( )	1	009015	Drive for 5" Mini-Floppy Diskette
( )	3	206228	6-32 x 3/8 Machine Screw
( )	3	333037	#6 Internal Tooth Lock Washer
( )	1	810101	Add-On Drive Kit Manual

In addition to the parts above, the kit includes a power cable
for the drive and a new drive interconnection cable (ribbon
cable assembly). Just which parts are included depends on whether
the drive to be added is a second or third drive.

SECOND DRIVE

Check	Qty	Part Number	Description
( )	1	105008	Power Cable Assembly, 15", 2 4-Pin Connectors
( )	1	105166	Ribbon Cable Assembly, 3 Edge Connectors

THIRD DRIVE

Check	Qty	Part Number	Description
( )	1	105009	Power Cable Assembly, 20", 2 4-Pin Connectors
( )	1	105167	Ribbon Cable Assembly, 4 Edge Connectors

Before the additional drive can be mounted in the System 8813,
it must be modified to be Drive 2 or Drive 3. Perform the fol-
lowing steps, checking them off in the space provided ( ) as you
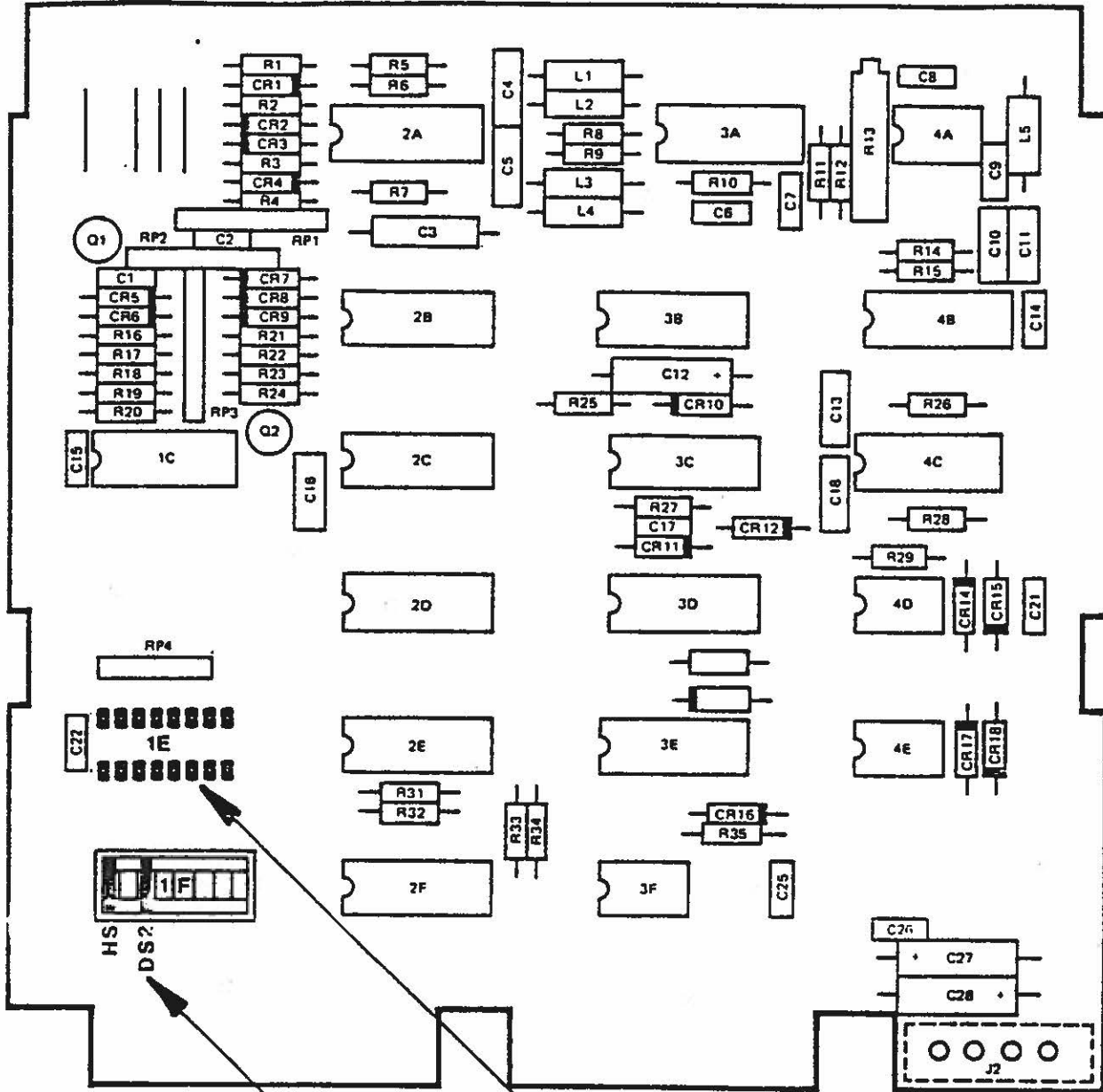go.

( ) Remove the drive from its container, then remove the pack-
ing material from the drive.

( ) Mounted on the drive is a printed circuit card. Refer to
the following drawings and note that located in position 1F on
the card is a programmable shunt. Each drawing shows two jump-
ers. Remove the jumpers by cutting away the pins on the shunt,
leaving only those at the locations indicated on the drawings.
(Alternatively, the undesired pins may be bent outward, so that
they do not make contact with the sockets.)

( ) Remove the resistor network (1E).

After the drive is modified, consult Appendix E, Section 2, of the System 88 User's Guide for instructions on how to install drives.
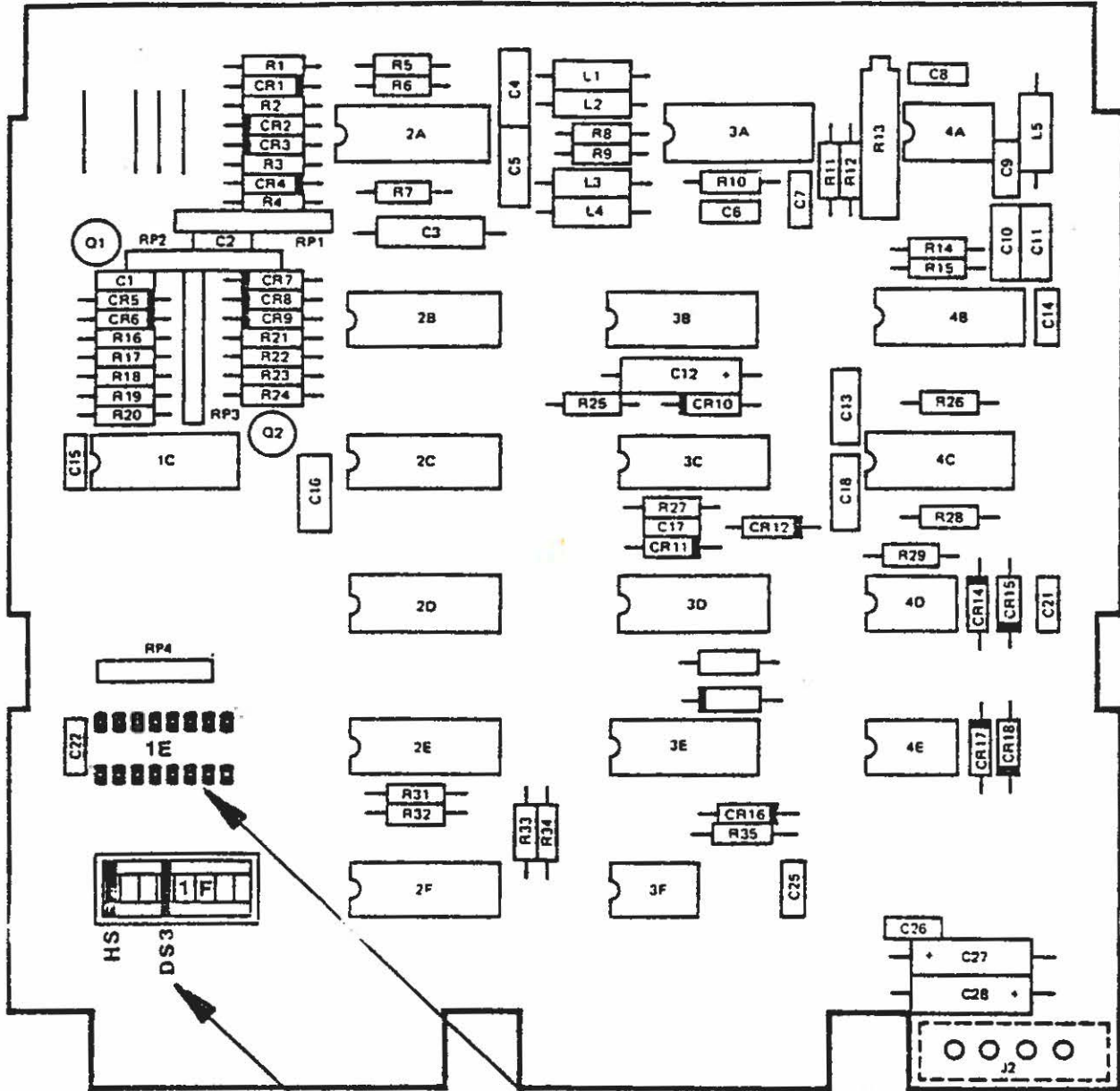
DRIVE 2

Remove resistor network.

Eliminate all EXCEPT these jumpers.

#3   SHUGART 400

SN B 37756

INSTALLED 12/79

DRIVE 3

R1
CR1
R2
CR2
CR3
R3
CR4
R4

R5
R6

C4

L1
L2

C8

C5

R8
R9

3A

R13

4A

L5

R7

L3
L4

R10

C6

C7

R11
R12

C9

2A

Q1   RP2   C2   RP1

C3

R14
R15

C10
C11

C1
CR5
CR6
R16
R17
R18
R19
R20

CR7
CR8
CR9
R21
R22
R23
R24

2B

3B

4B

C14

RP3

Q2

C12

C15   1C

2C

R25   CR10

C13

R26

C16

3C

C18

4C

R27
C17
CR11

CR12

R28

2D

3D

R29

4D

CR14   CR15   C21

RP4

C22   1E

2E

3E

4E

CR17   CR18

R31
R32

R33   R34

CR16
R35

C25

2F

3F

HS   1F   DS3

C26

C27

C28

J2

Remove resistor network.

Eliminate all EXCEPT these jumpers.